



10-26-05

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/811,399 Confirmation No.: 3282  
First Named Inventor: Vidal, Marcial Filing Date: 25 March 2004  
Group Art Unit: 2814 Examiner: Louie, Wai Sing  
Atty. Docket No.: R-0007 US  
Title: Electron-beam-addressed Active-matrix Spatial Light Modulator  
Assignee(s): Video Display Corporation

Mountain View, California  
24 October 2005

**COMMISSIONER FOR PATENTS**  
**PO Box 1450**  
**Alexandria, Virginia 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97(b)**

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, each document listed on the accompanying substitute PTO Form 1449 is called to the attention of the Examiner for the above patent application. Enclosed is a copy of each listed document except for (a) Hamann, (b) any listed U.S. patent, (c) any U.S. patent application publication, and/or (d) any U.S. patent application available on the PTO's image file wrapper system.

Hamann was identified by applicant Duane Haven in connection with the pin-matrix oil-film light valve described in paragraph 8 of the Related-Art section of the above application. Applicant Haven has informed Applicants' Attorney that he (applicant Haven) does not have a copy of Hamann. Applicants' Attorney does not have a copy of Hamann.

It is the understanding of Applicants' Attorney that Hamann describes a pin-matrix oil-film light valve briefly described on pages 329 - 332 of Luxenberg et al. In particular, the pin-matrix oil-film light valve described on pages 329 - 332 of Luxenberg et al. refers to citation 9 which, as indicated on page 389 of Luxenberg et al., is Hamann. The copy of

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Luxenberg et al., specifically pages 329 - 332, is therefore submitted as a substitute for a copy of Hamann.

In the event that the Examiner feels that a copy of Hamann should be submitted to complete this information disclosure statement, please so inform Applicants' Attorney.

Citation of each listed document shall not be construed as:

1. an admission that the document is necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described herein;  
or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This information disclosure statement is submitted under the provisions of 37 CFR 1.97(b).

**EXPRESS MAIL LABEL NO.:**

**EV 500 311 284 US**

Respectfully submitted,

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U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Application No.	
				R-0007 US		10/811,399	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First-named Applicant		Confirmation No.	
Substitute PTO Form 1449				Vidal, Marcial		3282	
				Filing Date		Group	
				25 March 2004		2814	

  

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,231,068	10/1980	Hunt	358	252	
	AB	4,668,071	05-1987	Mayer	355	3 R	
	AC	4,728,174	03/1988	Grinberg et al.	350	344	
	AD	4,744,636	05/1988	Haven et al.	350	331	
	AE	4,765,717	08/1988	Buzak et al.	350	331	
	AF	5,287,215	02/1994	Warde et al.	359	293	
	AG	5,379,136	01/1995	Hu et al.	359	47	
	AH	5,471,341	11/1995	Warde et al.	359	293	
	AI	5,822,110	03/1999	Rapisarda	362	570	
	AJ	6,049,370	04/2000	Smith, Jr. et al.	349	156	

  

Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL	WO 00/68732 A1	11/2000	PCT				

  

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AM	Hamann, "Random Access Light Valve Study", AD 628133 Tech. Rpt. RADC-TR-65-451, Jan. 1966
	AN	Haven, "Electron-Beam Addressed Liquid-Crystal Valve", <u>IEEE Trans. Elec. Devs.</u> , May 1983, pp. 489 - 492
	AO	Hornbeck, "Digital Light Processing™ for High Brightness, High-Resolution Applications", Conf. 3013, Projection Displays III, 10 - 12 February 1997, pp. 1 - 16, additionally printed at <u>Procs. SPIE</u> , vol. 3013, May 1997, pp. 27 - 40
	AP	Hornbeck, "From cathode rays to digital micromirrors: A history of electronic projection display technology", <u>IT Tech. J.</u> , Jul.-Sep. 1998, pp. 7 - 46
	AQ	Koehler/Beran et al., "A Unique Active Contrast-Enhancement Filter Using Liquid-Crystal Pi-Cell Technology", <u>SID 86 Digest</u> , 1986, pages 436 - 438
	AR	Luxenberg et al., <u>Display Systems Engineering</u> (McGraw-Hill Book Co.), 1968, pp. 323 - 332 and 389 - 391
	AS	Sekiya et al., "Eye-Trace Integration Effect on The Perception of Moving Pictures and A New Possibility for Reducing Blur on Hold-Type Displays", <u>SID 02 Digest</u> , 2002, pp. 930 - 933
	AT	Sol et al., "Anti-alias", <u>Web Developer's™ Virtual Library</u> , 1 Apr. 1998, 1 p.

  

Examiner	Date Considered
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.